

Release notes for ENDF/B Development n-076_Os_187
evaluation



April 26, 2017

- fudge-4.0 Warnings:

1. FIXME: Another genuine fudge bug!
(Error # 2): Fudge check bug

FAILURE: ENDF EVALUATION CHECKING HALTED BECAUSE 'database' object has no attribute 'check' 'database' object has

- fudge-4.0 Errors:

1. Duplicate Eout in outgoing distribution

Reading ENDF file:/n-076_0s_187.endf (Error # 0): Bad Eout

WARNING: skipping duplicate e_out = 7989560.0, i1 = 203 0 1e-05

2. Exception AttributeError was thrown

FAILURE: ENDF EVALUATION CHECKING HALTED BECAUSE 'database' object has no attribute 'check' 'database' object has no attribute 'check' (Error # 1): AttributeError

AttributeError: 'database' object has no attribute 'check'

- njoy2012 Warnings:

1. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (0): HEATR/hinit (4)

---message from hinit---mf6, mt 16 does not give recoil za= 76186
one-particle recoil approx. used.

2. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (1): HEATR/hinit (4)

---message from hinit---mf6, mt 17 does not give recoil za= 76185
one-particle recoil approx. used.

3. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (2): HEATR/hinit (4)

---message from hinit---mf6, mt 22 does not give recoil za= 74183
one-particle recoil approx. used.

4. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (3): HEATR/hinit (4)

---message from hinit---mf6, mt 24 does not give recoil za= 74182
one-particle recoil approx. used.

5. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (4): HEATR/hinit (4)

---message from hinit---mf6, mt 28 does not give recoil za= 75186
one-particle recoil approx. used.

6. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (5): HEATR/hinit (4)

```
---message from hinit---mf6, mt 32 does not give recoil za= 75185
one-particle recoil approx. used.
```

7. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (6): HEATR/hinit (4)

```
---message from hinit---mf6, mt 33 does not give recoil za= 75184
one-particle recoil approx. used.
```

8. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (7): HEATR/hinit (4)

```
---message from hinit---mf6, mt 41 does not give recoil za= 75185
one-particle recoil approx. used.
```

9. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (8): HEATR/hinit (4)

```
---message from hinit---mf6, mt 51 does not give recoil za= 76187
one-particle recoil approx. used.
```

10. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (9): HEATR/hinit (4)

```
---message from hinit---mf6, mt 52 does not give recoil za= 76187
one-particle recoil approx. used.
```

11. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (10): HEATR/hinit (4)

```
---message from hinit---mf6, mt 53 does not give recoil za= 76187
one-particle recoil approx. used.
```

12. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (11): HEATR/hinit (4)

```
---message from hinit---mf6, mt 54 does not give recoil za= 76187
one-particle recoil approx. used.
```

13. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (12): HEATR/hinit (4)

```
---message from hinit---mf6, mt 55 does not give recoil za= 76187
one-particle recoil approx. used.
```

14. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (13): HEATR/hinit (4)

```
---message from hinit---mf6, mt 56 does not give recoil za= 76187
one-particle recoil approx. used.
```

15. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (14): HEATR/hinit (4)

---message from hinit---mf6, mt 57 does not give recoil za= 76187
one-particle recoil approx. used.

16. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (15): HEATR/hinit (4)

---message from hinit---mf6, mt 58 does not give recoil za= 76187
one-particle recoil approx. used.

17. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (16): HEATR/hinit (4)

---message from hinit---mf6, mt 59 does not give recoil za= 76187
one-particle recoil approx. used.

18. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (17): HEATR/hinit (4)

---message from hinit---mf6, mt 60 does not give recoil za= 76187
one-particle recoil approx. used.

19. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (18): HEATR/hinit (4)

---message from hinit---mf6, mt 61 does not give recoil za= 76187
one-particle recoil approx. used.

20. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (19): HEATR/hinit (4)

---message from hinit---mf6, mt 62 does not give recoil za= 76187
one-particle recoil approx. used.

21. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (20): HEATR/hinit (4)

---message from hinit---mf6, mt 63 does not give recoil za= 76187
one-particle recoil approx. used.

22. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (21): HEATR/hinit (4)

---message from hinit---mf6, mt 64 does not give recoil za= 76187
one-particle recoil approx. used.

23. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (22): HEATR/hinit (4)

---message from hinit---mf6, mt 65 does not give recoil za= 76187
one-particle recoil approx. used.

24. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (23): HEATR/hinit (4)

---message from hinit---mf6, mt 66 does not give recoil za= 76187
one-particle recoil approx. used.

25. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (24): HEATR/hinit (4)

---message from hinit---mf6, mt 67 does not give recoil za= 76187
one-particle recoil approx. used.

26. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (25): HEATR/hinit (4)

---message from hinit---mf6, mt 68 does not give recoil za= 76187
one-particle recoil approx. used.

27. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (26): HEATR/hinit (4)

---message from hinit---mf6, mt 69 does not give recoil za= 76187
one-particle recoil approx. used.

28. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (27): HEATR/hinit (4)

---message from hinit---mf6, mt 70 does not give recoil za= 76187
one-particle recoil approx. used.

29. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (28): HEATR/hinit (4)

---message from hinit---mf6, mt 71 does not give recoil za= 76187
one-particle recoil approx. used.

30. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (29): HEATR/hinit (4)

---message from hinit---mf6, mt 72 does not give recoil za= 76187
one-particle recoil approx. used.

31. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (30): HEATR/hinit (4)

---message from hinit---mf6, mt 73 does not give recoil za= 76187
one-particle recoil approx. used.

32. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (31): HEATR/hinit (4)

---message from hinit---mf6, mt 74 does not give recoil za= 76187
one-particle recoil approx. used.

33. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (32): HEATR/hinit (4)

---message from hinit---mf6, mt 75 does not give recoil za= 76187
one-particle recoil approx. used.

34. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (33): HEATR/hinit (4)

---message from hinit---mf6, mt 76 does not give recoil za= 76187
one-particle recoil approx. used.

35. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (34): HEATR/hinit (4)

---message from hinit---mf6, mt 77 does not give recoil za= 76187
one-particle recoil approx. used.

36. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (35): HEATR/hinit (4)

---message from hinit---mf6, mt 78 does not give recoil za= 76187
one-particle recoil approx. used.

37. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (36): HEATR/hinit (4)

---message from hinit---mf6, mt 79 does not give recoil za= 76187
one-particle recoil approx. used.

38. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (37): HEATR/hinit (4)

---message from hinit---mf6, mt 80 does not give recoil za= 76187
one-particle recoil approx. used.

39. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (38): HEATR/hinit (4)

---message from hinit---mf6, mt 81 does not give recoil za= 76187
one-particle recoil approx. used.

40. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (39): HEATR/hinit (4)

---message from hinit---mf6, mt 82 does not give recoil za= 76187
one-particle recoil approx. used.

41. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (40): HEATR/hinit (4)

---message from hinit---mf6, mt 83 does not give recoil za= 76187
one-particle recoil approx. used.

42. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (41): HEATR/hinit (4)

---message from hinit---mf6, mt 84 does not give recoil za= 76187
one-particle recoil approx. used.

43. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (42): HEATR/hinit (4)

---message from hinit---mf6, mt 85 does not give recoil za= 76187
one-particle recoil approx. used.

44. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (43): HEATR/hinit (4)

```
---message from hinit---mf6, mt 86 does not give recoil za= 76187
one-particle recoil approx. used.
```

45. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (44): HEATR/hinit (4)

```
---message from hinit---mf6, mt 91 does not give recoil za= 76187
one-particle recoil approx. used.
```

46. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (45): HEATR/hinit (4)

```
---message from hinit---mf6, mt102 does not give recoil za= 76188
photon momentum recoil used.
```

47. Generic warning message
groupr...compute self-shielded group-averaged cross-sections (0): Warning

```
---message from stderr
*** glibc detected *** /home/dbrown/advance/trunk/src/project_endf/code_runners/njoy2012/xnjoy: free(): invalid
```

- **njoy2012 Failures:**

1. ValueError("CodeRunner njoy2012 did not generate the following files:[‘n-076_Os_187.ace’]","Run failed, not files generated!"

```
Traceback (most recent call last):
  File "/home/dbrown/advance/trunk/src/advance/code_runner.py", line 217, in run
    self.checkForProducts( workdir, prefix )
  File "/home/dbrown/advance/trunk/src/advance/code_runner.py", line 384, in checkForProducts
    if missingList != []: raise ValueError( "CodeRunner "+self.name+" did not generate the following files:"+str
... [2 more lines]
```

- **acelst Failures:**

1. ValueError("Missing dependencies for CodeRunner acelst:[‘n-076_Os_187.ace’]","Run failed!"

```
Traceback (most recent call last):
  File "/home/dbrown/advance/trunk/src/advance/code_runner.py", line 213, in run
    self.checkForDependencies( workdir, prefix )
  File "/home/dbrown/advance/trunk/src/advance/code_runner.py", line 374, in checkForDependencies
    if missingList != []: raise ValueError( "Missing dependencies for CodeRunner "+self.name+": "+str( missingList
... [2 more lines]
```

- **njoy4web Failures:**

1. ValueError("Missing dependencies for CodeRunner njoy4web:[‘n-076_Os_187.ace’]","Run failed!"

```
Traceback (most recent call last):
  File "/home/dbrown/advance/trunk/src/advance/code_runner.py", line 213, in run
    self.checkForDependencies( workdir, prefix )
  File "/home/dbrown/advance/trunk/src/advance/code_runner.py", line 374, in checkForDependencies
    if missingList != []: raise ValueError( "Missing dependencies for CodeRunner "+self.name+":"+str( missingList )
... [2 more lines]
```

- **xsectplotter** Errors:

1. Duplicate Eout in outgoing distribution
(Error # 2): Bad Eout

```
WARNING: skipping duplicate e_out = 7989560.0, i1 = 203 0 1e-05
```